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Application No. <u>09/998,488</u>	Prepared by <u>US</u>	Tracking Number <u>5929543</u>	
Examiner-GAU <u>Crawford-3651</u>	Date <u>7/7/04</u>	Week Date <u>4/5/04</u>	
	No. of queries <u>1</u>	<u>Fe-USE HAW</u>	

JACKET

a. Serial No.	f. Foreign Priority	k. Print Claim(s)	p. PTO-1449
b. Applicant(s)	g. Disclaimer	l. Print Fig.	q. PTOL-85b
c. Continuing Data	h. Microfiche Appendix	m. Searched Column	r. Abstract
d. PCT	i. Title	n. PTO-270/328	s. Sheets/Figs
e. Domestic Priority	j. Claims Allowed	o. PTO-892	t. Other

SPECIFICATION

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- c. Holes through Data
- d. Other Missing Text
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- g. Brief Description
- h. Sequence Listing
- i. Appendix
- j. Amendments
- k. Other

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 8

Complete if Known

Application Number	09/998,488
Filing Date	30 November 2001
First Named Inventor	Lunak et al.
Art Unit	3651
Examiner Name	Gene O. Crawford
Attorney Docket Number	DB000975-000

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 3,593,881	07-20-1971	Alton E. Paap	
		US- 3,599,152	08-10-1971	Robert L. Williams	
		US- 3,606,959	09-21-1971	C.R.P. Stonor	
		US- 3,675,816	07-11-1972	Bourke, II et al.	
		US- 3,732,544	05-08-1973	Obland	
		US- 3,762,601	10-02-1973	McLaughlin	
		US- 3,858,181	12-31-1974	Paskert	
		US- 3,875,982	04-08-1975	Mizu et al.	
		US- 3,878,967	04-22-1975	Joslin et al.	
		US- 3,917,045	11-04-1975	Williams et al.	
		US- 3,948,454	04-06-1976	Bastian	
		US- 3,998,356	12-21-1976	Christensen	
		US- 4,020,972	05-03-1977	Lundblad	
		US- 4,135,241	01-16-1979	Stanis et al.	
		US- 4,225,930	09-30-1980	Steffen	
		US- 4,237,536	12-02-1980	Enelow et al.	
		US- 4,267,942	05-19-1981	Wick, Jr. et al.	
		US- 4,293,845	10-06-1981	Villa-Real	
		US- 4,342,404	08-03-1982	Baker	

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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ³
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		DE 3205620	09-16-1982	Coca-Cola Co.	Abstract Only	
		DE 3040580	05-13-1982	Licentia-Patent	Abstract Only	
		CA 936501	11-06-1973	F.J. Humphries		
		JP 85069771	10-11-1986	Fujitsu Ltd	Abstract Only	
		JP 78058513	11-22-1979	Tokyo Elec. Co.	Abstract Only	
		JP 85112661	12-01-1986	Nippon Signl Co	Abstract Only	

Examiner Signature	Date Considered
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2 of 8

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Application Number	09/998,488
Filing Date	30 November 2001
First Named Inventor	Richard Lunak
Art Unit	3651
Examiner Name	Gene O. Crawford
Attorney Docket Number	DB000975-000

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		Number-Kind Code ² (if known)			
		US- 4,360,125	11-23-1982	Martindale et al.	
		US- 4,412,292	10-25-1983	Sedam et al.	
		US- 4,473,884	09-25-1984	Behl	
		US- 4,504,153	03-12-1985	Schollmeyer et al.	
		US- 4,546,901	10-15-1985	Buttarazzi	
		US- 4,616,316	10-07-1986	Hanpeter et al.	
		US- 4,655,026	04-07-1987	Wigoda	
		US- 4,664,289	05-12-1987	Shimizu et al.	
		US- 4,695,954	09-22-1987	Rose et al.	
		US- 4,725,997	02-16-1988	Urquhart et al.	
		US- 4,733,362	03-22-1988	Haraguchi	
		US- 4,737,910	04-12-1988	Kimrow	
		US- 4,766,542	08-23-1988	Pilarczyk	
		US- 4,766,548	08-23-1988	Cedrone et al.	
		US- 4,812,629	03-14-1989	O'Neil et al.	
		US- 4,831,562	05-16-1989	McIntosh et al.	
		US- 4,839,806	06-13-1989	Goldfischer et al.	
		US- 4,847,764	07-11-1989	Halvorson	
		US- 4,857,713	08-15-1989	Brown	

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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
		JP 77051755	12-01-1978	Toshiba Corp.	Abstract Only	
		JP 84056958	04-02-1984	Nissin Kogyo KK	Abstract Only	
		JP 83076764	05-09-1983	Hitachi Ltd.	Abstract Only	
		EP 0249367 A2	12-16-1987	L.J. Bradt et al		
		EP 0208029 A1	01-14-1987	P.J. Buttarazzi		
		WO86/06048	10-23-1986	E.M. Aten et al		

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